California Integrated Waste Management Board

Board Meeting

March 15-16, 2005

AGENDA ITEM 24 (Revised)

ITEM

Consideration Of A Revised Full Solid Waste Facilities Permit (Disposal Facility And Compostable Materials Handling Facility) For The Shafter-Wasco Sanitary Landfill, Kern County

I. ISSUE/PROBLEM STATEMENT

- 1. This item requests Board concurrence on the revision of the Shafter-Wasco Sanitary Landfill solid waste facilities permit.
- 2. Pursuant to Public Resources Code, Section 44009, the Board has 60 calendar days to concur in or object to the issuance of a full solid waste facilities permit. The proposed permit for this facility was received February 16, 2005. The date for submittal of a proposed permit that would allow 60 days for Board review prior to the March Board meeting was January 14, 2005. The Board has until April 17, 2005 to act on this permit. When the proposed permit was received on February 7, 2004, the package contained all of the items required in Title 27, CCR, Section 21685.

II. ITEM HISTORY

- 1. The current permit for the Tehachapi <u>Shafter-Wasco</u> Sanitary Landfill was last concurred with by the Board on February 11, 2003.
- 2. Compliance History:
 - 2000 Ten State Minimum Standard (SMS) violations and no permit violations.
 - 2001 Twelve Eleven SMS and eleven ten permit violations.
 - 2002 Five SMS violations and eight permit violations.
 - 2003 Ten SMS or no permit violations.
 - 2004 One SMS or no permit violations.
 - 2005 No SMS violations and no permit violations. (January)

Details concerning the above list of violations are included in the "Consistent with State Minimum Standards," Section V.A., "Staff Analysis," item 2 of this item.

III. OPTIONS FOR THE BOARD

The Board may decide to do one of the following:

- 1. Concur in the issuance of the proposed permit as submitted by the Local Enforcement Agency (LEA).
- 2. Object to the issuance of the proposed permit as submitted by the LEA.
- 3. Take no action on the proposed permit as submitted by the LEA. If the Board chooses this option, the Board shall be deemed to have concurred in the issuance of the proposed permit 60 days after the Board's receipt of the permit.

IV. STAFF RECOMMENDATION

Staff recommends that the Board adopt option one, concurrence in the issuance of the proposed permit.

V. ANALYSIS

A. Key Issues and Findings

Facility Name: Shafter-Wasco Sanitary Landfill

Facility Number 15-AA-0057

Facility Type: Existing municipal solid waste landfill

Proposed Facility

Type: Municipal solid waste landfill and composting facility

Location: 17621 Scofield Avenue, Shafter, Kern County

Permitted Acreage: 160.61 total acres, 135 disposal acres

Setting: Exclusive Agricultural District

Operational Status: Permitted, active

Permitted Tonnage: 888 tons per day

Proposed Permitted 1,500 tons per day and up to 2,250 tons per day for 15 days

Tonnage: per quarter

Permitted Traffic

Volume: 388 vehicles per day

Proposed Permitted

Traffic Volume: 788 vehicles per day

Permitted Maximum

Elevation: 370 feet above mean sea level

Permitted Maximum

Depth: 260 feet below ground surface

Permitted Hours: 7:00 a.m. to no later than 5:00 p.m., Monday through Sunday

(The specific hours of operation within this time period are stated in the facility's Report of Disposal Site Information.)

Permitted

Design Capacity: 11,635,500 cubic yards

Estimated

Closure Date: 2027

Owner/Operator: Kern County Waste Management Department

LEA: Kern County Environmental Health Services Department

Background

The landfill is owned and operated by Kern County Waste Management Department. Waste Management, Inc. Mitchell F. Brown Engineering, a contract operator, conducts the day-to-day operation of the landfill. Averages of 385 tons of waste per day with a peak of 2,190 tons per day of solid waste have been received at the landfill (September 1999 through April 2004). Waste received at the landfill includes municipal solid waste, agricultural waste, construction and demolition waste, and dead animals.

The landfill is located in western Kern County about eight miles west of the city of Shafter. The landfill services an area of approximately 2,075 square miles and a population of about 120,000. The cities of Shafter, Wasco, Delano, McFarland, and the unincorporated communities of Glenville, Lost Hills, Buttonwillow, and Rosedale are serviced by the landfill.

As part of the landfill's ongoing diversion program, green materials (grass, leaves, and other similar material) which are suitable for acceptance at local composting facilities are received from customers and stockpiled at the landfill. When a sufficient amount of material has been accumulated (approximately 30 to 40 tons) the material is loaded into transfer vehicles for shipment to offsite composting facilities. Temperature readings are taken on all green material stockpiles twice weekly by onsite staff. The activity meets the requirements of the Compostable Material Handling regulations including odor impact minimization plan implementation.

Key Issues

Changes identified in the proposed revised solid waste facilities permit:

- 1. Includes reference in the permit to the composting activity which was initially described and approved through an RDSI amendment in December 2003.
- 2. Increases in permitted tonnage from 888 to 1,500 tons per day and allowing up to 2,250 tpd for 15 days per quarter.
- 3. Increases in the permitted traffic volume from 388 to 788 vehicles per day.
- 4. Update language in the "Prohibitions" and "Enforcement Agency Conditions" of the permit.

Staff Analysis

The following table summarizes Board staff's review and analysis of the proposed revised solid waste facilities permit package:

Summary of Board Findings for Facility #15-AA-0057	Adequate	Inadequate	To Be Determined	Not Applicable	See Details in Section
CIWMP Conformance	X				1.
Consistency with State Minimum Standards	X				2.
California Environmental Quality Act	X				V.B.
Closure Plan Completeness Determination	X				3.
Funding for Closure and Post-closure Maintenance	X				4.
Operating Liability	X				4.
Report of Disposal Site Information	X				5.

1. <u>County Integrated Waste Management Plan (CIWMP)</u>. The proposed permit is for the Shafter-Wasco Sanitary Landfill, located at 17621 Scofield Avenue, Shafter, in Kern County.

Public Resources Code Section 50001 requires the location of any new or expanded solid waste disposal facility to be identified in the applicable county's Countywide Siting Element (CSE) for the proposed permit for that facility to be found to be in conformance with the CSE.

The location of Shafter-Wasco Sanitary Landfill is identified in the County's CSE. The Office of Local Assistance staff therefore finds the proposed permit to be in conformance with the County's CSE.

2. <u>Consistency with State Minimum Standards (SMS)</u>. Board staff conducted a pre-permit inspection at the facility on February 10, 2005 and found that the design and operations of the facility were consistent with the applicable SMS.

Below are the details of the facility's SMS compliance history and permit compliance history based on the LEA's monthly inspection reports for the period of January 1999 through October 2004. With the last revision to the permit in February 2003, and the RDSI amendment regarding the composting activity, all of the permit issues were resolved and most of the operating issues were addressed.

<u>Calendar Year 2000</u>. Ten SMS violations, six for onsite tire storage, two for alternative daily cover, one for spreading and compacting of waste, and one for grading of fill surfaces. No permit violations.

<u>Calendar Year 2001</u>. <u>Twelve Eleven</u> SMS violation, one for alternative daily cover, three for grading of fill surfaces, four for drainage and erosion control, and <u>four three</u> for not providing revisions to the landfill's report of disposal site information. <u>Eleven Ten</u> permit violations, <u>four three</u> issued to the operator for non-compliance with terms and conditions of permit and seven for significant change.

<u>Calendar Year 2002</u>. Five SMS violations, four for onsite tire storage and one for scavenging, salvaging, and storage. Eight permit violations issued to the operator for significant change.

<u>Calendar Year 2003</u>. Ten SMS violations, three for onsite tire storage, two for lack of intermediate cover, two for drainage and erosion control, one for grading of fill surfaces, one for daily cover, and one for alternative daily cover. No permit violations.

<u>Calendar Year 2004</u>. One SMS violation for alternative daily cover. No permit violations.

Calendar Year 2005. No SMS or permit violations for the month of January.

- 3. <u>Closure Plan Completeness</u>. Closure and Technical Services Section staff has determined that the Closure and Post-closure Maintenance Plans for the proposed permit are consistent with applicable SMS as required pursuant to Title 27, CCR, Section 21685(b)(5).
- 4. <u>Funding for Closure and Post-closure Maintenance and Operating Liability</u>. Staff of the Financial Assurance Section completed a review of the financial assurance demonstration for Shafter-Wasco Sanitary Landfill.

The financial assurance demonstration for closure of the facility is an enterprise fund, as identified in Title 27, CCR, Division 2, Subdivision 1, Chapter 6, Subchapter 3, Article 2 (the Regulations), Section 22241. The postclosure maintenance costs are assured by the demonstration of a pledge of revenue agreement, as identified in Section 22245 of the Regulations.

The operator is also required to demonstrate financial responsibility for operating liability claims. The operator has submitted an acceptable Certificate of Self-Insurance and Risk Management as required by section 22252 of the Regulations.

The financial demonstrations meet all the requirements and, based on the cost estimates and the capacity information submitted by the operator, the closure fund is adequately funded at this time. Due to the dynamic nature of the financial assurance demonstrations, the results of this review are only valid until April 15, 2005.

5. <u>Report of Disposal Site Information</u>. Board staff reviewed the Report of Disposal Site Information, dated November 2004, and found that it meets the requirements of Title 27, CCR, Section 21600.

B. Environmental Issues

State law requires compliance with the California Environmental Quality Act either through the preparation, circulation and adoption/certification of an environmental document and mitigation reporting or monitoring program or by determining that the proposal is categorically or statutorily exempt.

The Kern County Waste Management Department acting as Lead Agency, has prepared the following environmental documents for the Shafter-Wasco Sanitary Landfill:

• A Negative Declaration, State Clearinghouse No. 2004111015 was circulated through the State Clearinghouse for a thirty-day comment period from December 8, 2004 through January 6, 2005. The Negative Declaration was modified for clarification in response to the comments received. Recirculation of the Negative Declaration was not required since the project clarifications will not have significant environmental impacts. The Negative Declaration discussed increasing the permitted traffic volume from 388 vehicles per day to 788 vehicles per day and increasing the permitted maximum daily tonnage from 888 tons per day to 1,500 tons per day for 300 days per calendar year and 2,250 tons per day for 15 days per quarter. These 15 days per calendar quarter would be floating and by the end of the quarter, all 15 days may or may not be used; the excess or unused days will not be carried into the next calendar quarter. The Negative Declaration also discussed amending the Unincorporated Kern Non Disposal Facility Element (NDFE) to recognize the recycling activities, white goods, tires, used oil, etc., currently permitted and conducted at the Shafter-Wasco Sanitary Landfill.

The Negative Declaration was adopted by the Kern County Board of Supervisors on February 15, 2005.

The landfill, located at 17621 Scofield Avenue, Shafter, California, is in a rural agricultural area. The dominant land use around the landfill is agricultural cultivation (field crops, orchards, and vineyards). There is one dwelling within 1,320 feet of the landfill. The landfill is located on a 160.61 acre portion of a larger 250.6 acre parcel. The active portion of the landfill comprises approximately 135 acres with a design capacity of 11,635,500 cubic yards. The landfill operates no earlier than 7:00 a.m. to no later than 6:00 p.m. seven days per week.

The Kern County Environmental Health Services Department, Solid Waste Local Enforcement Agency has provided a finding that the proposed Solid Waste Facilities Permit is consistent with and supported by the cited environmental documents.

Board staff recommends the Negative Declaration cited above, along with clarification information provided in the Kern County Board of Supervisors record of decision, as adequate for the Board's environmental evaluation of the proposed project for those project activities which are within the Board's expertise and/or powers, or which are required to be carried out or approved by the Board.

C. Program/Long Term Impacts

Based on available information, staff is not aware of any program, or long-term impacts related to this item.

D. Stakeholder Impacts

Based on available information, staff is not aware of any stakeholder impacts related to this item.

E. Fiscal Impacts

No fiscal impacts to the Board results from this item.

F. Legal Issues

Based on available information, staff is not aware of any legal issues related to this item.

G. Environmental Justice

Community Setting. The zoning designations surrounding the facility include the following:

- North Exclusive Agricultural District, agriculture that includes alfalfa, row crops and orchard
- South Exclusive Agricultural District, agriculture that includes a vineyard and an orchard, and one occupied single residence located approximately 800 feet from the landfill's permitted boundary
- East Exclusive Agricultural District, Scofield Avenue, agriculture that includes row crops and an orchard, and one occupied single residence approximately one-half mile from the landfill's permitted boundary.
- West Exclusive Agricultural District, agriculture that includes tilled fields and row crops, and two occupied single residences located approximately onehalf mile from the landfill's permitted boundary.

According to the 2000 Census, the population of the Shafter area (Kern County) consists of the following:

US Census Bureau Data Census 2000 – Race	All Ages	
Tehachapi, Kern County	Number	Percent
White	589	51.3
Black or African American	12	1.0
American Indian or Alaska Native	22	1.9
Asian	4	0.3
Some other race	476	41.5
Two or more races	46	4
Total Population	1,149	100

Of the total population in the census tract a total of 63.6 percent identify themselves as having Hispanic or Latino origin. The median household income of the Census Tract boundaries around the landfill is \$36,563 with 7.3 percent of the families below the poverty level.

<u>Community Outreach</u>. The LEA has noticed the receipt of an application for revision of a solid waste facilities permit for Shafter-Wasco Landfill in the following newspapers: "The Bakersfield California," "Wasco Tribune News," and "El Popular." The LEA did not receive any comments on the permit application.

On January 12, 2005, the LEA held a public hearing, according to the requirements of AB 1497. The LEA reported that no comments were received during the hearing.

<u>Environmental Justice Issues</u>. Based on available information, staff is not aware of any environmental justice issues related to this item.

H. 2001 Strategic Plan

This item supports Strategic Plan Goal 4: Managing and mitigating the impacts of solid waste on public health and safety and the environment and promoting integrated and consistent permitting, inspection, and enforcement efforts by acknowledging through cooperation with the LEA enforcement of a permit consistent with current environmental values and ethics

This item supports Strategic Plan Objective 1: Through consistent and effective enforcement or other appropriate measures, ensure compliance with federal and state waste management laws and regulations by concurring in a permit consistent with current statute and legislation.

VI. FUNDING INFORMATION

This item does not require any Board fiscal action.

VII. ATTACHMENTS

- 1. Vicinity Map
- 2. Site Map
- 3. Proposed Permit Number 15-AA-0057
- 4 Resolution Number 2005-57

VIII. STAFF RESPONSIBLE FOR ITEM PREPARATION

A. Program Staff: Chris Deidrick

Phone: (916) 341-6335

B. Legal Staff: Michael Bledsoe

Phone: (916) 341-6058

C. Administration Staff: N/A Phone: N/A

IX. WRITTEN SUPPORT AND/OR OPPOSITION

A. Support

Board staff is unaware of any specific written support for this item.

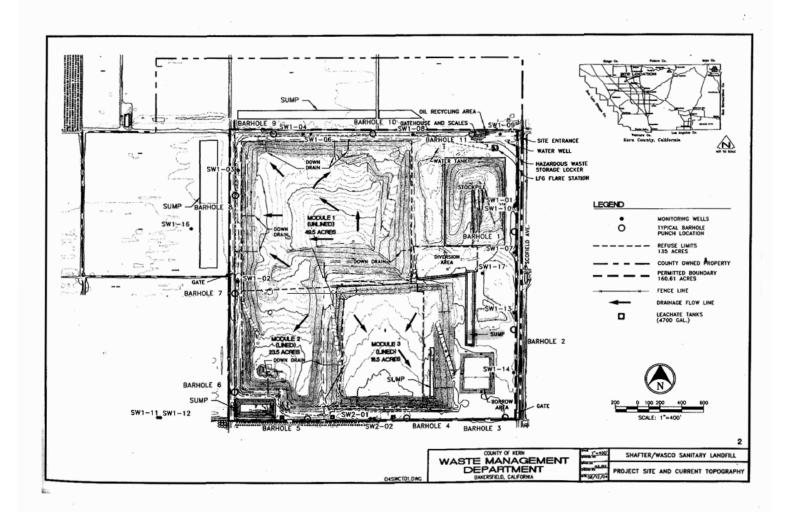
B. Opposition

Board staff is unaware of any specific written opposition for this item.



Vicinity Map

Shafter-Wasco Sanitary Landfill 17621 Scofield Avenue, Shafter, Kern County 15-AA-0057



SOLID WASTE FACILITY PERMIT				Facility Number: 15-AA-0057			
1. Name and Street Address of Fac Shafter-Wasco Sanitary Land 17621 Scofield Avenue Shafter, CA 93263		2. Name and Mailing Address of Operator: Kern County Waste Management Depart. 2700 "M" Street, Suite 500 Bakersfield, CA 93301		Kern Cou Depart. 2700 "M"	3. Name and Mailing Address of Owner: Kern County Waste Management Depart. 2700 "M" Street, Suite 500 Bakersfield, CA 93301		
4. Specifications:							
a. Permitted Operations:	⊠ Solid Wa	aste Disposal Site		☐ Trans	sformation Fac	ility	
	Transfer	Processing Facility (MI	RF)				
	Compost	ting Facility (Green Mat	erial)		::		
b. Permitted Hours of Opera	5:00 date	facility operates Monda Op.m. For specific information of November 2004. (Incorcement agency (LEA)	rmation refer to 1.C. ludes any future revi	of the Report of l	Disposal Site In	nformation,	
c. Permitted Maximum Tonn	nage: 1,	500 Tons per Day for	or 300 days per calei	ndar year			
	2,	Tons per Day for	or 15 days per quarte	er			
d. Permitted Traffic Volume	: <u>7</u>	Vehicles per Da	ay				
e. Key Design Parameters (D Management Board (CIW			site plans bearing L	EA and Californ	nia Integrated	Waste	
Management Doard 1C1W	Total	Dispo	osal Tı	ransfer/Processing	Composting	Transformation	
Permitted Area (in acres)	160.61			0	0	0	
Design Capacity (cubic yds)		11,635	5,500	0	0	0	
Max. Elevation (Ft. MSL)		37	370				
Max. Depth (Ft. MSL)		26	260				
Estimated Closure Year		202	27				
Upon a significant change in design permit findings and conditions are							
5. Approval:			6. Enforcement A	Agency Name and	d Address:		
			Kern County F	Environmental He	alth		
Approving Officer Signature Steve McCalley, Director Environmental Health Services Department		Kern County Environmental Health Services Department 2700 "M" Street, Suite 300 Bakersfield, CA 93301					
7. Date Received by CIWMB:		8. CIWMB Concurrence Date:					
February 16, 2005							
9. Permit Issued Date:		10. Permit Review D	Oue Date:	11. Owner/	Operator Tra	nsfer Date:	

SOLID WASTE FACILITY PERMIT

Facility Number:

15-AA-0057

12. Legal Description of Facility:

The legal description of this facility is contained in 3.D.of the Report of Disposal Site Information dated November 2004

13. Findings:

- **a.** This permit is consistent with the Kern County Integrated Waste Management Plan, which was approved by the CIWMB on February 25, 1998 and last amended on January 23, 2001. The location of the facility is identified in the Countywide Siting Element, pursuant to Public Resources Code (PRC), Section 50001(a).
- **b.** This permit is consistent with the standards adopted by the CIWMB, pursuant to PRC 44010.
- **c.** The design and operation of the facility is consistent with the State Minimum Standards for Solid Waste Handling and Disposal as determined by the LEA, pursuant to PRC 44009.
- **d.** The Kern County Fire Department has determined that the facility is in conformance with applicable fire standards, pursuant to PRC, 44151.
- **e.** A Negative Declaration, approved February 15, 2005, has been completed and a Notice of Determination has been filed with the State Clearinghouse, SCH #2004111015, as required in Public Resources Code, Section 21081.6.

14. Prohibitions:

The permittee is prohibited from accepting the following wastes for disposal:

Hazardous, radioactive, medical (as defined in Chapter 6.1, Division 20 of the Health and Safety Code), liquid, designated, or other wastes requiring special treatment or handling, except as identified in the Report of Facility Information and approved amendments thereto and as approved by the LEA and other federal, state, and local agencies.

15. The following documents describe and/or restrict the operation of this facility:

	Date		Date
Report of Disposal Site Information Amendments (Includes future revision approved by the LEA.)	11/2004	Preliminary Closure and Postclosure Maintenance Plan	2/9/2005
Waste Discharge Requirements Order No. R5-2002-0179	10/18/2002	Closure Financial Assurance Documentation	2/16/2005
APCD Permit to Operate #	NA	Operating Liability Certification	2/16/2005
Negative Declaration (SCH #2004111015)	2/15/2005	Conditional Use Permit, Case #1, Map #78 Amendment to CUP, Case #1, Map #78	1/6/1972 5/12/1994

SOLID WASTE FACILITY PERMIT

Facility Number:

15-AA-0057

16. Self Monitoring:

Except for items **a** and **b**, the owner/operator shall submit the results of all self monitoring programs to the Enforcement Agency within 30 days of the end of the reporting period (for example, 1st quarter = January – March, the report is due by April 30, etc.. Information required on an annual basis shall be submitted with the 4th quarter monitoring report.)

	Program	Reporting Frequency
a.	Notify the LEA in the event of any of the following: fires, landslides, earthquake damage, unusual and sudden settlements, injury and property damage accidents, explosions, receipt or rejection of unpermitted wastes, flooding and other unusual occurrences.	Within 24 hours of the even
b.	Maintain a written record and notify the LEA of any nuisance, public health or safety complaint.	Within 24 hours of the even
c.	Submit a report of actions taken by the operator to remedy or correct any major incidents such as fires, landslides, earthquake damage, unusual and sudden settlements, injury and property damage accidents, explosions, receipt or rejection of unpermitted wastes, flooding and other unusual occurrences.	Within 30 days of the event
d.	Results of the hazardous waste load checking program, including the quantities and types of hazardous wastes, medical wastes or otherwise prohibited wastes found in the waste stream and the disposition of these materials.	Quarterly
e.	Results of the landfill gas monitoring program.	Quarterly
f.	Number of days during the reporting period when the total daily accepted tonnage exceeded 1,500 but was less than or equal to 2,250 tons per day.	Quarterly
g.	The number and types of vehicles using the facility per day.	Annual Summary
h.	A summary of the types and quantities (in tons) of wastes received.	Annual Summary
i.	The total number of days during that calendar year when the total daily accepted tonnage exceeded 1,500 but was less than or equal to 2,250 tons per day.	Annual Summary
j.	Remaining site capacity.	Annually

SOLID WASTE FACILITY PERMIT

Facility Number:

15-AA-0057

17. Enforcement Agency (EA) Conditions:

- **a.** The operator shall comply with all State Minimum Standards for solid waste handling and disposal as specified in Title 14 and Title 27, California Code of Regulations.
- **b.** The operator shall maintain a log of special/unusual occurrences. This log shall include, but is not limited to, fires, explosions, the discharge and disposition of hazardous or unpermitted wastes, and significant injuries, accidents or property damage. The log shall be available for inspection by authorized representatives of the LEA and CIWMB during normal business hours.
- **c.** Additional information concerning the design and operation of the facility shall be furnished upon request and within the time frame specified by the LEA.
- **d.** The maximum permitted daily tonnage for this facility is 1,500 tons per day for 300 days per calendar year and 2,250 tons per day for 15 days per quarter. This facility shall not receive more than this amount without a revision of this permit.
- **e.** This permit is subject to review by the LEA and may be suspended, revoked, or revised at any time for sufficient cause.
- **f.** The LEA reserves the right to suspend or modify waste receiving and handling operations when deemed necessary due to an emergency, a potential health hazard, or the creation of a public nuisance.
- g. Any change that would cause the design or operation of the facility not to conform to the terms and conditions of this permit is prohibited. Such a change may be considered a significant change, requiring a permit revision. In no case shall the operator implement any change without first submitting a written notice of the proposed change, in the form of a Report of Facility Information amendment, to the LEA at least 180 days in advance of the change.
- **h.** The facility operator shall immediately notify the LEA via fax or e-mail when the accepted daily tonnage exceeds 1,500 tons per day.
- i. A copy of this permit shall be maintained at the facility.

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Resolution 2005-57

Consideration Of A Revised Full Solid Waste Facilities Permit (Disposal Facility And Compostable Materials Handling Facility) For The Shafter-Wasco Sanitary Landfill, Kern County

WHEREAS, the Kern County Environmental Health Services Department, acting as the local enforcement agency, has submitted to the Board for its review and concurrence with, or objections to, a proposed full solid waste facilities permit for Shafter-Wasco Sanitary Landfill in Kern County; and

WHEREAS, the proposed permit will revise the current permit by including ongoing composting to the permitted activities; increasing permitted tonnage from 888 to 1,500 tons per day and allowing up to 2,250 tons per day for 15 days per quarter; increasing the permitted traffic volume from 388 to 788 vehicles per day; and updating language in the "Prohibitions" and "Enforcement Agency Conditions" of the permit; and

WHEREAS, the Kern County Waste Management Department, acting as the lead agency, has prepared a Negative Declaration, State Clearinghouse Number 2004111015 that was circulated for a 30-day comment period from December 8, 2004 through January 6, 2005; and

WHEREAS, the LEA has certified that the application package is complete and correct and that the proposed revised permit is supported by the CEQA document that was prepared for the project; and

WHEREAS, the local enforcement agency has certified that the application package is complete and correct; and

WHEREAS, Board staff have evaluated the proposed permit and application package for consistency with standards adopted by the Board; and

WHEREAS, the Board finds the proposed permit is consistent with the California Environmental Quality Act; and

WHEREAS, the Board finds that all state and local requirements for the proposed permit have been met; and

WHEREAS, Board staff finds the facility is in compliance with state minimum standards; and

NOW, THEREFORE, BE IT RESOLVED that the California Integrated Waste Management Board concurs in the issuance of Solid Waste Facilities Number 15-AA-0057.

CERTIFICATION

The undersigned Executive Director, or his designee, of the California Integrated Waste Management Board does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the California Integrated Waste Management Board held on March 15-16, 2005.

Dated:

Mark Leary Executive Director